Ham-Space Digest   Sat, 5 Nov 94   Volume 94 : Issue 312

Today's Topics:
                *** Q: WHAT KIND OF PEOPLE ON THE NET ?
                         Getting started
                          Ham Satellite
                  Satellite tracking software needed
                    STS-66 Element Set (94307.894)

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Thu, 3 Nov 1994 21:35:13 GMT
From: wierz@trillian.cad.melpar.esys.com (john wierzbicki ec)
Subject: *** Q: WHAT KIND OF PEOPLE ON THE NET ?

In article <39b58a$d3d@anemone.saclay.cea.fr>, cisitm@albert.cad.cea.fr (Pierre
Didierjean) writes:
|> I'd like to know what kind of people i find on the net.
|>
|> Students, Commercials, Adminitrations, Scientifics or what ??
|>
|> Is anybody knows that or have statistical results ?
|>
|>
|> What are YOU doing in life ?
|>
|> I am a system administrator.
|>
|>

```
|> Thanks for the answers and sorry for my english .....
|>
|>
|>
|> Bye
|>
|>
|> +--------------------------------------------------------------------------+
|> |      Pierre DIDIERJEAN                                |
|> |                                                  |
|> |      Administrateur Systeme UNIX                    |
|> |      Cisi, Aix-en-Provence                          |
|> |      France                                      |
|> +--------------------------------------------------------------------------+
|> | email :  cisitm@albert.cad.cea.fr              |
|> +--------------------------------------------------------------------------+


$TEMPA = 'People who expect to read something about '
$TEMPB = 'in all posts to'

TEMPA scanners TEMPB alt.scanner.
TEMPA scanners TEMPB rec.radio.scanner.
TEMPA country music TEMPB rec.music.country.western.
TEMPA radio TEMPB rec.radio.amateur.space.            =;^)

    John L. Wierzbicki  ---   jwierzbicki@melpar.esys.com
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*  "The very atmosphere of firearms anywhere and everywhere restrains  *
*  evil interference - they deserve a place of honor with all that's   *
*  good."     ------- George Washington                               *
*                                                                      *
************************************************************************

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Date: 4 Nov 1994 22:02:44 GMT
From: jls@capedata.iii.net (Jeffery L. Stutzman)
Subject: Getting started

Just bought a new Yeasu FT-5200 (dualbander 2m/440 fm).
Bought it with the intention of getting into pacsat, but I am
quickly finding out that I don't have the proper equipment.
I have the following:

     FT-5200
     IBM PS2 L40 laptop (386)
     KPC-3
```

Instatrak
        Using Procomm+ for windows for comms

1. What else do I need?

2. Are there FM only satellites using 2m/440?

3. Any helpful tips?

Thanks.
Jeffery Stutzman/N1LUY
Buzzards Bay, Ma.
MANU TENERE MARE SUPREMUS

Date: 4 Nov 94 17:54:55 GMT
From: jho@xilinx.COM (Jonathan Ho)
Subject: Ham Satellite

Hi there,

I'd like to share some of the thought with you guys on the net about the
futhre ham satellites. I always hear from satellite hams say that LEO sat
is easy to work and is good for a short contact. OSCAR-13 is good for DX and
long QSO and
however, it is not easy to work (expensive equipment and tracking etc) and
signal is always weak.

Since there are a lot of commerical geostationary
satellites on the orbits, is it possible that we hams can build reasonable
ERP small size transponders placing in the commericial satellites to share
some common facilities such as solar panels on the commercial sat platforms?
If this can be done, several ham sats can be linked so that a reliable world wide
ham sat network can be formed.

73,

JOnathan

Date: 4 Nov 1994 11:45 MST
From: rargyle@cc.weber.edu (Bob Argyle)
Subject: Satellite tracking software needed

In article <9411031555.AA38739@dieter.hpcore>, kp40.117917@kodako.kodak.com (Mark

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Dieter) writes...
;>In article <Yp$ikClgn6iJ055yn@helix.net>, gkennedy@helix.net (Geoff L.
;>Kennedy) writes:
;>>
;>>     I am looking for an MS-DOS based satellite tracking program which
;>> will produce a tabular prediction *text file* output for "visible"
;>> passes.
;>>
;>>     There is one hitch.....the output, in addition to AOS/LOS times and
;>> Alt/Az info, *** MUST contain the ORBIT NUMBER for each pass. ***
;>>
;>InstaTrack available from AMSAT should do the trick.  I cannot confirm
;>that orbit number is available, but I would be suprised if it weren't.
;>I don't have the phone number, but AMSAT is in Silver Springs MD.  Try
;>information.
;>
;>
;>==============================================
;>|   Mark Dieter Eastman Kodak Rochester NY    |
;>| (716)588-4639 kp40.117917@kodako.kodak.com |
;>==============================================
;>
;>


Quicktrack will produce the desired output, InstantTrack does not.
Get both.  Amsat's number is (301) 589-6062.
Bob   kb7kcl


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Date: Thu, 3 Nov 1994 22:31:16 GMT
From: elements-request@alsys.com (Shuttle Elements)
Subject: STS-66 Element Set (94307.894)

STS-66
1 23340U 94073A   94307.89416744  .00051270  00000-0  16849-3 0    33
2 23340  56.9952 196.9769 0011025 276.3051  83.6778 15.89461684    45

Satellite: STS-66
Catalog number: 23340
Epoch time:      94307.89416744   =    (03 NOV 94   21:27:36.06 UTC)
Element set:     003
Inclination:       56.9952 deg
RA of node:       196.9769 deg           Space Shuttle Flight STS-66
Eccentricity:     .0011025               Keplerian element set JSC-003
Arg of perigee:   276.3051 deg           from NASA flight Day  1 vector
Mean anomaly:      83.6778 deg
Mean motion:   15.89461684 rev/day              Gil Carman
```

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Decay rate:       5.1270e-04 rev/day^2      NASA Johnson Space Center
Epoch rev:                   4


This data is also available via the Shuttle Elements Mailing
List.  For more information about the list and how to subscribe,
send a message to with only the command "info elements" in the
body of your message to "listserv@alsys.com".

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Gary Morris              Internet: garym@alsys.com
Alsys Inc.               Packet:   KK6YB @ N0ARY.#NOCAL.CA.USA.NA
San Diego, CA, USA       Phone:    +1 619-457-2700 x128 (voice/fax)

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Date: Thu, 3 Nov 1994 21:44:33 GMT
From: zlau@arrl.org (Zack Lau (KH6CP))

References<CyCoEC.3A3@freenet.carleton.ca> <38tpjd$2sns@info2.rus.uni-
stuttgart.de>, <6p1kkClgnMSD055yn@helix.net>
Subject: Re: Getting Started on Satellites HELP!

Geoff L. Kennedy (gkennedy@helix.net) wrote:

:    One other thing that you will have to keep in mind.  The IF bandpass
: of most scanners is too narrow (15 KHz?) for NOAA APT work.  You need
: about 40 KHz to get the best results.  This is because the signals are
: modulated to about +/- 17 KHz.....add a few KHz for doppler.....

A source of inexpensive monolythic filters of this obscure bandwidth

 is A & A Engineering

out in California (I suspect they are a regular at the TRW Swapfests).

Phone 714-952-3280.
--
Zack Lau  KH6CP/1          2 way QRP WAS
                           8 States on 10 GHz
Internet: zlau@arrl.org   10 grids on 2304 MHz

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End of Ham-Space Digest V94 #312
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